Search Forms	Refine Search	
Search Results Help		
User Searches	Search Results -	
Preferences	Terms Documents	
Logout	6330572.uref. 9	

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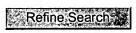
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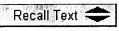
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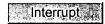
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Search History

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<u>Set Nam</u>	<u>le Query</u>	Hit Count S	<u>et Name</u>
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DB=P	GPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=O	R	
<u>L52</u>	6330572.uref.	9	<u>L52</u>
<u>L51</u>	127 and 136	8	<u>L51</u>
<u>L50</u>	127 and 137	0	<u>L50</u>
<u>L49</u>	709/321	524	<u>L49</u>
<u>L48</u>	711/135	523	<u>L48</u>
<u>L47</u>	711/3	1224	<u>L47</u>
<u>L46</u>	711.clas.	25399	<u>L46</u>
<u>L45</u>	709/300	789	<u>L45</u>
<u>L44</u>	709/226	3331	<u>L44</u>
<u>L43</u>	709/219	6002	<u>L43</u>
<u>L42</u>	709/216	904	<u>L42</u>
<u>L41</u>	709/213	1857	<u>L41</u>
<u>L40</u>	709/204	2444	<u>L40</u>
<u>L39</u>	709/203	8927	<u>L39</u>

WEST Refine Search Page 2 of 2

<u>L38</u>	709/100	1589	<u>L38</u>
<u>L37</u>	709.clas.	36459	<u>L37</u>
<u>L36</u>	707.clas.	26803	<u>L36</u>
<u>L35</u>	707/204	2116	<u>L35</u>
<u>L34</u>	707/203	2601	<u>L34</u>
<u>L33</u>	707/201	2527	<u>L33</u>
<u>L32</u>	707/104.1	4133	<u>L32</u>
<u>L31</u>	707/100	6049	<u>L31</u>
<u>L30</u>	707/10	9842	<u>L30</u>
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<u>L27</u>	L26 and media! near library	13	<u>L27</u>
<u>L26</u>	L25 and backup and retrieval	1365	<u>L26</u>
<u>L25</u>	(network or www or internet) with file with system	22113	<u>L25</u>
<u>L24</u>	L23 and index	521	<u>L24</u>
<u>L23</u>	L22 and library and media!	931	<u>L23</u>
<u>L22</u>	L21 and stor\$ near device	2739	<u>L22</u>
<u>L21</u>	L17 and (backup and retriev\$ or archiv\$)	5243	<u>L21</u>
<u>L20</u>	L17 and backup and retriev\$	2854	<u>L20</u>
<u>L19</u>	L17 and back and retriev\$	12551	<u>L19</u>
<u>L18</u>	L17 and back and rtriev\$	2	<u>L18</u>
<u>L17</u>	L16 and (software or application) with (module or program)	29339	<u>L17</u>
<u>L16</u>	(network or www or internet) near system	94549	<u>L16</u>
<u>L15</u>	L14 and stor\$ and device	1	<u>L15</u>
<u>L14</u>	L12 and record\$ and physical and address	1	<u>L14</u>
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<u>L9</u>	L3 and (index\$ or indices) and software and (module or program)	. 36	<u>L9</u>
<u>L8</u>	L3 and (index\$ or indices) and software and module	17	<u>L8</u>
<u>L7</u>	L6 and module	0	<u>L7</u>
<u>L6</u>	L3 and index\$ with software	1	<u>L6</u>
<u>L5</u>	L3 and index\$ with software with module	0	<u>L5</u>
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<u>L3</u>	5764972.uref.	81	<u>L3</u>
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<u>L1</u>	"crescenti, john".in.	1	<u>L1</u>

END OF SEARCH HISTORY

First Hit Fwd Refs

Previous Doc

Next Doc

Go to Doc#

Print

Search Recoms et

Search Results

Generate Collection

Help

User Searches

Preferences 8 of 8

File: USPT

Dec 11, 2001

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US-PAT-NO: 6330572

DOCUMENT-IDENTIFIER: US 6330572 B1

TITLE: Hierarchical data storage management

DATE-ISSUED: December 11, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Sitka; Larry Stillwater MN

ASSIGNEE-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY TYPE CODE

Imation Corp. Oakdale MN 02

APPL-NO: 09/ 354280 [PALM]
DATE FILED: July 15, 1999

PARENT-CASE:

This application claims priority from U.S. Provisional Application Serial No. 60/092,853, filed Jul. 15, 1998, the entire content of which is incorporated herein by reference.

INT-CL: [07] G06 F 17/30

US-CL-ISSUED: 707/205; 203/204, 203/104, 203/100

US-CL-CURRENT: 707/205; 707/100, 707/104.1, 707/203, 707/204

FIELD-OF-SEARCH: 707/104, 707/100, 707/201, 707/205, 707/203-204

PRIOR-ART-DISCLOSED:

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PAT-NO ISSUE-DATE PATENTEE-NAME

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<u>5317728</u> May 1994 Tevis et al.

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ART-UNIT: 212

PRIMARY-EXAMINER: Alam; Hosain T.

ASSISTANT-EXAMINER: Truong; Cam-Y

ATTY-AGENT-FIRM: Bauer; William D.

ABSTRACT:

A system and method for managing the storage of files within an HSM system incorporate an architecture and methodology that facilitate the storage and retrieval of large image files as part of an overall image processing workflow. In particular, the system and method may find ready application in a workflow that involves the processing of groups of images associated with particular customers, projects, or transactions, and may act as a storage server for a client application that implements the workflow. The system and method may be useful, for example, in handling the storage of images uploaded from scanned photographic film, or digital

images submitted to a photo-processing shop by amateur or professional photographers. In this case, the client application can be a photo-processing application that could provide for various media formats, sizes, and quantities of image reproductions for a consumer. As another example, the system and method may be useful in handling the storage of medical diagnostic images associated with a particular medical patient or study. In this case, the client application could be a picture archival communication system (PACS) that manages the archival of imagery for viewing by physicians. Further, the system and method may be useful in handling the storage of images associated with particular printing jobs, e.g., for publishers, advertising customers, and the like. In this case, the client application could be a digital prepress workflow application.

32 Claims, 8 Drawing figures

Previous Doc Next Doc Go to Doc#